

IN THE CLAIMS

Please amend claims 1, 4, 12 and 15, cancel claims 3, 13 and 23 without prejudice or disclaimer as to their subject matter and newly add claim 25 as follows:

1 1. (Currently Amended) A plasma display panel, comprising:
2 a front substrate and a rear substrate opposing one another with a predetermined gap
3 therebetween;
4 a plurality of display electrodes formed on the front substrate;
5 a dielectric layer formed on the front substrate covering the display electrodes;
6 a plurality of first barrier ribs and a plurality of second barrier ribs formed on the rear
7 substrate essentially perpendicular to each other forming an array of discharge cells, each
8 discharge cell being completely surrounded by said first and said second barrier ribs;
9 a plurality of phosphor layers formed in the discharge cells; [[and]]
10 a plurality of electrically conductive address electrodes being formed orthogonal to
11 the display electrodes in the discharge cells, said address electrodes being parallel to said
12 first barrier ribs, ~~the address electrodes being coated with a dielectric material, wherein a~~
13 ~~phosphor layer is further coated on an outer circumference of the dielectric material coating~~
14 ~~the address electrodes; and~~
15 fixing grooves formed in edges of the rear substrate at areas corresponding to terminal
16 areas of each of the address electrodes, the fixing grooves securing the terminal ends of the
17 address electrodes.

1 Claims 2 and 3 (Canceled)

1 4. (Currently Amended) The plasma display panel of claim [[3]] 1, wherein the
2 terminal areas of the address electrodes positioned in the fixing grooves are further secured
3 by an adhesive member.

1 5. (Original) The plasma display panel of claim 1, wherein a height t_2 of the second
2 barrier ribs is less than a height t_1 of the first barrier ribs.

1 Claim 6 (Canceled)

1 7. (Previously Presented) The plasma display panel of claim 1, wherein the
2 conductive address electrodes are circular in cross section.

1 8. (Previously Presented) The plasma display panel of claim 1, wherein the
 conductive address electrodes are polygonal in cross section.

1 9. (Original) The plasma display panel of claim 1, wherein the discharge cells defined
2 by the first barrier ribs and the second barrier ribs have a polygonal shape when viewed from
3 a direction of the front substrate.

1 10. (Original) The plasma display panel of claim 1, wherein the discharge cells
2 defined by the first barrier ribs and the second barrier ribs, have a circular shape when
3 viewed from a direction of the front substrate.

1 11. (Original) The plasma display panel of claim 1, wherein the discharge cells
2 defined by the first barrier ribs and the second barrier ribs, are rectangular and staggered to
3 discharge cells on an opposite side of a first barrier rib.

1 12. (Currently Amended) A plasma display panel, comprising:
2 a front substrate and a rear substrate opposing one another with a predetermined gap
3 therebetween;
4 a plurality of display electrodes formed on the front substrate;
5 a dielectric layer formed on the front substrate covering the display electrodes;
6 a plurality of barrier ribs formed on the rear substrate and comprising a plurality of
7 first barrier rib members formed in a direction orthogonal to the display electrodes, and a
8 plurality of second barrier rib members formed in a direction parallel to the display
9 electrodes, the first barrier rib members intersecting the second barrier rib members, the
10 plurality of barrier ribs forming an array of discharge cells, each discharge cell being
11 bounded by a pair of first barrier rib members and a pair of second barrier rib members;
12 a phosphor layer being formed in respective discharge cells; and
13 address electrodes comprising conductive wires and coated with a dielectric material,

14 the address electrodes being mounted on the second barrier rib members, the address
15 electrodes being orthogonal to the display electrodes, wherein grooves are formed in distal
16 ends of the second barrier rib members into which the address electrodes are inserted.

1 Claim 13 (Canceled)

1 14. (Original) The plasma display panel of claim 12, wherein a height t2 of the
2 second barrier rib members are less than a height t1 of the first barrier rib members.

1 15. (Currently Amended) ~~[[The]]~~ A plasma display panel of claim 12, further
2 comprising:

3 a front substrate and a rear substrate opposing one another with a predetermined gap
4 therebetween;

5 a plurality of display electrodes formed on the front substrate;

6 a dielectric layer formed on the front substrate covering the display electrodes;

7 a plurality of barrier ribs formed on the rear substrate and comprising a plurality of
8 first barrier rib members formed in a direction orthogonal to the display electrodes, and a
9 plurality of second barrier rib members formed in a direction parallel to the display
10 electrodes, the first barrier rib members intersecting the second barrier rib members, the
11 plurality of barrier ribs forming an array of discharge cells, each discharge cell being
12 bounded by a pair of first barrier rib members and a pair of second barrier rib members;

1 a phosphor layer being formed in respective discharge cells;
2 address electrodes comprising conductive wires and coated with a dielectric material,
3 the address electrodes being mounted on the second barrier rib members, the address
4 electrodes being orthogonal to the display electrodes; and
5 fixing grooves formed in edges of the rear substrate at areas corresponding to terminal
6 areas of each of the address electrodes, the fixing grooves securing the terminal areas of the
7 address electrodes.

1 16. (Original) The plasma display panel of claim 15, wherein the terminal areas of
2 the address electrodes positioned in the fixing grooves are further secured by an adhesive
3 member.

1 17. (Previously Presented) The plasma display panel of claim 12, wherein a phosphor
2 layer surrounds an outer circumference of the dielectric material that, in turn, surrounds the
3 address electrodes.

1 18. (Original) The plasma display panel of claim 12, wherein the conductive wires
2 forming the address electrodes are circular in cross section.

1 19. (Original) The plasma display panel of claim 12, wherein the conductive wires
2 forming the address electrodes are polygonal in cross section.

1 20. (Original) The plasma display panel of claim 1, wherein the address electrodes
2 are realized through electrically conductive wires.

1 21. (Previously Presented) The plasma display panel of claim 1, each of the plurality
2 of address electrodes being completely surrounded by the dielectric material and the
3 dielectric material being completely surrounded by the phosphor layer.

1 22. (Previously Presented) The plasma display panel of claim 1, each of the plurality
2 of address electrodes being mounted on the second barrier ribs.

1 Claim 23 (Canceled)

1 24. (Previously Presented) The plasma display panel of claim 12, each of the address
2 electrodes running orthogonal to the second barrier rib members.

1 25. (New) The plasma display panel of claim 1, the address electrodes being coated
2 with a dielectric material, wherein a phosphor layer is further coated on an outer
3 circumference of the dielectric material coating the address electrodes.